

Supporting Figure 1



Map of sampling locations. Filled triangles: southern/central populations. Open triangles: northern populations

Supporting Information 1

Genbank accession numbers

Individual	Sampling location		Sequence data					
	Latitude	Longitude	Allocation of Genbank accession numbers to genes and individuals					
			<i>Elf</i>	<i>Eno</i>	<i>Gapdh</i>	<i>Got</i>	<i>Ldh</i>	<i>Usp</i>
AST-01-01	N45°54'13.00"	E47°39'23.00"	JN994173	JN994244	JN994315	JN994386	JN994456	JN994526
AST-01-04	N45°54'13.00"	E47°39'23.00"	JN994174	JN994245	JN994316	JN994387	JN994457	JN994527
AST-01-07	N45°54'13.00"	E47°39'23.00"	JN994175	JN994246	JN994317	JN994388	JN994458	JN994528
AST-01-11	N45°54'13.00"	E47°39'23.00"	JN994176	JN994247	JN994318	JN994389	JN994459	
AST-01-14	N45°54'13.00"	E47°39'23.00"	JN994177	JN994248	JN994319	JN994390		
BOL-01-01	N66°25'30.00"	E33°50'00.00"	JN994178	JN994249	JN994320	JN994391	JN994460	
BOL-01-05	N66°25'30.00"	E33°50'00.00"	JN994179	JN994250	JN994321	JN994392	JN994461	JN994529
BOL-01-06	N66°25'30.00"	E33°50'00.00"	JN994180	JN994251	JN994322	JN994393	JN994462	
BOL-01-07	N66°25'30.00"	E33°50'00.00"	JN994181	JN994252	JN994323	JN994394	JN994463	JN994530
BOL-01-11	N66°25'30.00"	E33°50'00.00"	JN994182	JN994253	JN994324	JN994395	JN994464	JN994531
BOL-01-13	N66°25'30.00"	E33°50'00.00"	JN994183	JN994254	JN994325		JN994465	
ISM-06-01	N48°12'24.94"	E11°42'12.55"	JN994184	JN994255	JN994326	JN994396	JN994466	JN994532
ISM-06-02	N48°12'24.94"	E11°42'12.55"	JN994185	JN994256	JN994327	JN994397	JN994467	JN994533
ISM-06-03	N48°12'24.94"	E11°42'12.55"	JN994186	JN994257	JN994328	JN994398	JN994468	JN994534
ISM-06-04	N48°12'24.94"	E11°42'12.55"	JN994187	JN994258	JN994329	JN994399	JN994469	JN994535
ISM-06-05	N48°12'24.94"	E11°42'12.55"	JN994188	JN994259	JN994330	JN994400	JN994470	JN994536
ISM-06-06	N48°12'24.94"	E11°42'12.55"	JN994189	JN994260	JN994331	JN994401	JN994471	JN994537
ISM-06-07	N48°12'24.94"	E11°42'12.55"	JN994190	JN994261	JN994332	JN994402	JN994472	JN994538
ISM-06-08	N48°12'24.94"	E11°42'12.55"	JN994191	JN994262	JN994333	JN994403	JN994473	JN994539
ISM-06-09	N48°12'24.94"	E11°42'12.55"	JN994192	JN994263	JN994334	JN994404	JN994474	JN994540
ISM-06-15	N48°12'24.94"	E11°42'12.55"	JN994193	JN994264	JN994335	JN994405	JN994475	JN994541
K-10-01	N59°49'25.62"	E23°15'09.30"	JN994194	JN994265	JN994336	JN994406	JN994476	JN994542
K-10-05	N59°49'25.62"	E23°15'09.30"	JN994195	JN994266	JN994337	JN994407	JN994477	JN994543
K-10-06	N59°49'25.62"	E23°15'09.30"	JN994196	JN994267	JN994338	JN994408	JN994478	JN994544
K-10-07	N59°49'25.62"	E23°15'09.30"	JN994197	JN994268	JN994339	JN994409	JN994479	JN994545
K-10-08	N59°49'25.62"	E23°15'09.30"	JN994198	JN994269	JN994340	JN994410	JN994480	JN994546
KMG-01-01	N59°49'18.54"	E23°12'20.04"	JN994199	JN994270	JN994341	JN994411	JN994481	JN994547
KMG-01-02	N59°49'18.54"	E23°12'20.04"	JN994200	JN994271	JN994342	JN994412	JN994482	JN994548
KMG-01-04	N59°49'18.54"	E23°12'20.04"	JN994201	JN994272	JN994343	JN994413	JN994483	JN994549
KMG-01-09	N59°49'18.54"	E23°12'20.04"	JN994202	JN994273	JN994344	JN994414	JN994484	JN994550
KMG-01-10	N59°49'18.54"	E23°12'20.04"	JN994203	JN994274	JN994345	JN994415	JN994485	JN994551
LVR-01-01	N50°49'42.08"	E04°38'20.60"	JN994204	JN994275	JN994346	JN994416	JN994486	JN994552
LVR-01-02	N50°49'42.08"	E04°38'20.60"	JN994205	JN994276	JN994347	JN994417	JN994487	JN994553
MOS-01-02	N55°45'48.65"	E37°34'54.00"	JN994206	JN994277	JN994348	JN994418	JN994488	JN994554
MOS-01-04	N55°45'48.65"	E37°34'54.00"	JN994207	JN994278	JN994349	JN994419	JN994489	JN994555
MOS-01-05	N55°45'48.65"	E37°34'54.00"	JN994208	JN994279	JN994350	JN994420	JN994490	JN994556

MOS-01-06	N55°45'48.65"	E37°34'54.00"	JN994209	JN994280	JN994351	JN994421	JN994491	JN994557
MOS-01-07	N55°45'48.65"	E37°34'54.00"	JN994210	JN994281	JN994352	JN994422	JN994492	JN994558
MOS-01-08	N55°45'48.65"	E37°34'54.00"	JN994211	JN994282	JN994353	JN994423	JN994493	JN994559
N-49-01	N59°49'19.62"	E23°15'38.28"	JN994212	JN994283	JN994354	JN994424	JN994494	JN994560
N-49-02	N59°49'19.62"	E23°15'38.28"	JN994213	JN994284	JN994355	JN994425	JN994495	JN994561
N-49-04	N59°49'19.62"	E23°15'38.28"	JN994214	JN994285	JN994356	JN994426	JN994496	JN994562
N-49-09	N59°49'19.62"	E23°15'38.28"	JN994215	JN994286	JN994357	JN994427	JN994497	JN994563
N-49-12	N59°49'19.62"	E23°15'38.28"	JN994216	JN994287	JN994358	JN994428	JN994498	JN994564
N-49-13	N59°49'19.62"	E23°15'38.28"	JN994217	JN994288	JN994359	JN994429	JN994499	JN994565
N-49-14	N59°49'19.62"	E23°15'38.28"	JN994218	JN994289	JN994360	JN994430	JN994500	JN994566
N-49-15	N59°49'19.62"	E23°15'38.28"	JN994219	JN994290	JN994361	JN994431	JN994501	JN994567
N-49-19	N59°49'19.62"	E23°15'38.28"	JN994220	JN994291	JN994362	JN994432	JN994502	JN994568
N-49-23	N59°49'19.62"	E23°15'38.28"	JN994221	JN994292	JN994363	JN994433	JN994503	JN994569
SE1-05-05	N59°45'48.00"	E23°22'24.30"	JN994222	JN994293	JN994364	JN994434	JN994504	JN994570
SE1-05-06	N59°45'48.00"	E23°22'24.30"	JN994223	JN994294	JN994365	JN994435	JN994505	JN994571
SE1-05-07	N59°45'48.00"	E23°22'24.30"	JN994224	JN994295	JN994366	JN994436	JN994506	JN994572
SE1-05-08	N59°45'48.00"	E23°22'24.30"	JN994225	JN994296	JN994367	JN994437	JN994507	JN994573
SE1-05-09	N59°45'48.00"	E23°22'24.30"	JN994226	JN994297	JN994368	JN994438	JN994508	JN994574
SE1-05-10	N59°45'48.00"	E23°22'24.30"	JN994227	JN994298	JN994369	JN994439	JN994509	JN994575
SOE-01-01	N60°26'55.56"	E18°23'12.78E	JN994228	JN994299	JN994370	JN994440	JN994510	JN994576
SOE-01-03	N60°26'55.56"	E18°23'12.78E	JN994229	JN994300	JN994371	JN994441	JN994511	JN994577
SOE-01-04	N60°26'55.56"	E18°23'12.78E	JN994230	JN994301	JN994372	JN994442	JN994512	JN994578
SOE-01-06	N60°26'55.56"	E18°23'12.78E	JN994231	JN994302	JN994373	JN994443	JN994513	JN994579
SOE-01-07	N60°26'55.56"	E18°23'12.78E	JN994232	JN994303	JN994374	JN994444	JN994514	JN994580
SRO-01-01	N43°41'31.00"	E10°17'20.00"	JN994233	JN994304	JN994375	JN994445	JN994515	JN994581
SRO-01-02	N43°41'31.00"	E10°17'20.00"	JN994234	JN994305	JN994376	JN994446	JN994516	JN994582
SRO-01-03	N43°41'31.00"	E10°17'20.00"	JN994235	JN994306	JN994377	JN994447	JN994517	JN994583
SRO-01-04	N43°41'31.00"	E10°17'20.00"	JN994236	JN994307	JN994378	JN994448	JN994518	JN994584
SRO-01-05	N43°41'31.00"	E10°17'20.00"	JN994237	JN994308	JN994379	JN994449	JN994519	JN994585
VR1-02-02	N60°16'17.82"	E21° 53'46.74"	JN994238	JN994309	JN994380	JN994450	JN994520	JN994586
VR1-02-03	N60°16'17.82"	E21° 53'46.74"	JN994239	JN994310	JN994381	JN994451	JN994521	JN994587
VR1-02-05	N60°16'17.82"	E21° 53'46.74"	JN994240	JN994311	JN994382	JN994452	JN994522	JN994588
VR1-02-06	N60°16'17.82"	E21° 53'46.74"	JN994241	JN994312	JN994383	JN994453	JN994523	JN994589
VR1-02-08	N60°16'17.82"	E21° 53'46.74"	JN994242	JN994313	JN994384	JN994454	JN994524	JN994590
VR1-02-09	N60°16'17.82"	E21° 53'46.74"	JN994243	JN994314	JN994385	JN994455	JN994525	JN994591

Microsatellite genotypes